IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : RAYMOND SURACE ET AL. Confirmation No.:
Serial No. :
Filed :
TC/A.U. :
Examiner :

Docket No. : EH-10746 (02-542)
Customer No.:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Sir:

A concise explanation of the relevance, as it is presently understood by the individual designated in 37 CFR 1.56(c) most knowledgeable about the content of Japanese publication JP402095702A is: The publication discloses a one-piece turbine blade (bucket) damper/seal. The damping contact surface is one continuous radiused surface. Centrifugal force pushes the damper/seal outboard such that line contact is made between the radiused contact surface of the damper/seal and the sharp edges of adjoining blade platforms. Given the length and location of the damper/seal it is also intended to function as a platform seal. The seal provides protection against hot gas ingestion over the entire length of the blade platform.

Respectfully submitted,

RAYMOND SURACE ET AL.

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Date: October 8, 2003

PTO/SB/08A (08-03)
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet 1 of 1

| Complete if Known | |
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| Application Number | |
| Filing Date | |
| First Named Inventor | RAYMOND SURACE ET AL |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | EH-10746(02-542) |

**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No.[1] | Document Number Number-Kind Code[2] (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|---|---|---|---|---|---|
| | | US- 4,872,812 | 10/10/1989 | HENDLEY | |
| | | US- 5,226,784 | 07/13/1993 | MUELLER ET AL. | |
| | | US- 5,302,085 | 04/12/1994 | DIETZ ET AL. | |
| | | US- 5,369,882 | 12/06/1994 | DIETZ ET AL. | |
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**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No.[1] | Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T[6] |
|---|---|---|---|---|---|---|
| | | EP1167691A2 | 01/02/2002 | GEN ELECTRIC US | | |
| | | JP402095702A | 04/06/1990 | HITACHI LTD | | |
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| Examiner Signature | | Date Considered | |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. [1] Applicant's unique citation designation number (optional). [2] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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